

What is Claimed is:

1. A transfer rate controller, comprising:

input means of inputting a picture or sound stream;
packet rate adjusting means of controlling a transfer
rate of the stream by adjusting an interval between packets
respectively belonging to each frames of the inputted stream;
and

output means of outputting the stream outputted from
the packet rate adjusting means.

2. The transfer rate controller according to claim 1, the
packet rate adjusting means changes the frame rate.

3. The transfer rate controller according to claim 1, the
packet rate adjusting means makes no change in the frame rate.

4. The transfer rate controller according to any one of
claims 1 to 3, wherein the stream has a plurality of multiplexed
data.

5. The transfer rate controller according to any one of
claims 1 to 3, wherein the stream has no multiplexed data.

6. The transfer rate controller according to any one of
claims 1 to 5, wherein the stream is an MPEG transport stream
and the packet is a transport packet.

7. The transfer rate controller according to any one of
claims 1 to 6, wherein the packet rate adjusting means controls
a transfer rate according to a warning indicative that an
overflow is likely to occur in a buffer of a decoder.

8. A decoding system, comprising:

a buffer for temporarily storing an inputted stream;

and

decoding means of inputting the stream from the buffer

and decoding and outputting the stream,

monitor means of monitoring a free space of the buffer
and issuing a warning to the transfer rate controller
according to claim 7, which transmits the stream, if an overflow
is likely to occur in the buffer.

9. A medium for storing a program and/or data for allowing
a computer to carry out all or some functions of all or some
means of the transfer rate controller or the decoding system
according to any of claims 1 to 8, wherein the medium is
processable by a computer.

10. An information aggregate comprising a program and/or
data for allowing a computer to carry out all or some functions
of all or some means of the transfer rate controller or the
decoding system according to any of claims 1 to 8.

11. A transmitting medium for transmitting an MPEG transport
stream outputted from the transfer rate controller according
to any of claims 1 to 7.

12. A recording medium for recording an MPEG transport stream
outputted from the transfer rate controller according any
one of claims 1 to 7.